Hitachi Kokusai Electric

HITACHI

High Resolution, High Sensitivity Day / Night Color camera

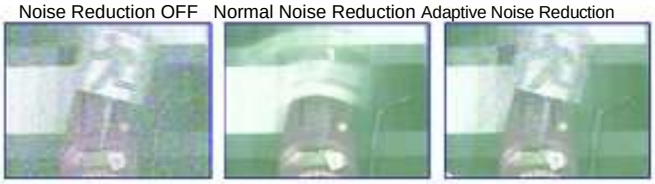
KP-D5001(P)/D5000(P)

High Performance with Proven Operation for Demanding Surveillance Applications.

KP-D5001(P) AC100 230V model
KP-D5000(P) AC24V/DC12V model

Adaptive Noise Reduction

New Adaptive Noise Reduction can improve the S/N ratio without loosing motion resolution.



Noise Reduction OFF
S/N ratio : Bad
Motion resolution : Good

Normal Noise Reduction
S/N ratio : Good
Motion resolution : Bad

Adaptive Noise Reduction
S/N ratio : Good
Motion resolution : Good

Adaptive Image Enhancer

It is possible to observe it even if there is an luminance difference in the effect of Adaptive Image Enhancer of the Back Light Control.

WDR Camera

Adaptive Image Enhancer OFF

Adaptive Image Enhancer ON

Adaptive Fog Reduction

The removal effect of the fog is obtained by the Adaptive Fog Reduction function.

Adaptive Fog Reduction not corrected

Adaptive Fog Reduction corrected (COLOR)

Adaptive Fog Reduction corrected (B/W)

Day & Night Operation

Continuous 24 hour monitoring is possible through the use of an automatic changeover between color and B/W modes for improved sensitivity in low light conditions.

Sensitivity UP

A dual mode integration feature provides sensitivity improvement of 128 times in the AUTO mode or 512 times in the MANUAL mode to capture images in extremely low light level conditions.

Dial Type Adjustable Flange Back Mechanism Remote Control Operation of Camera Parameters

An adjustable flange back mechanism is provided for optimum back focus of the lens. RS-232C remote control of all camera parameters is provided along with scene file storage and recall, allowing camera changes from a distant location.

Easy back focus control

Small model(Concept type)

It is a small type.
The power supply is only DC12V The function is the same.

Greater performance than the conventional model

Major specification comparison between KP-D5001/ D5000 and KP-D531A

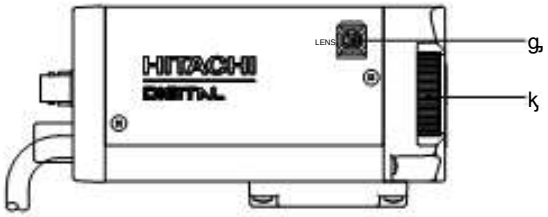
MODEL		KP-D5001(P)/D5000(P)	KP-D531A
Sync system		Internal / External (HD/VD)	Internal
Minimum illumination	Color	0.03 lx (F1.2 AGC : Max, Tungsten lamp)	0.2 lx (F1.4 AGC : Max, Tungsten lamp)
	BW	0.004 lx (F1.2 AGC : Max, Tungsten lamp)	0.02 lx (F1.4 AGC : Max, Tungsten lamp)
	Color sensup	0.0002 lx (F1.2 AGC : Max, Sensup x 128 Tungsten lamp)	0.0032 lx (F1.4 AGC : Max, Sensup x 64 Tungsten lamp)
	BW sensup	0.00003 lx (F1.2 AGC : Max, Sensup x 128 Tungsten lamp)	0.00032 lx (F1.4 AGC : Max, Sensup x 64 Tungsten lamp)
Resolution (Standard)		Color : 560TV lines / BW : 580TV lines	Color : 480TV lines / BW : 530TV lines
S / N		53dB (AGC : OFF)	50dB (AGC : OFF)
Sensitivity setting		AUTO/ MANUAL (Maximum sensitivity up to x 512)	Maximum sensitivity up to x 64
Power supply		AC100Vв230V	AC100V œ10%

Specifications

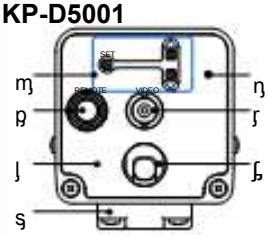
MODEL		KP-D5001(P)	KP-D5000(P)
Effective pixels		NTSC ו 768 (H) × 494 (V), PAL ו 752(H)582(V)	
Imager		1/2 CCD	
Sync system		Internal / External (HD/VD)	
Minimum illumination	Color	0.03 lx (F1.2 AGC : Max, Tungsten lamp)	
	BW	0.004 lx (F1.2 AGC : Max, Tungsten lamp)	
	Color sensup	0.0002 lx (F1.2 AGC : Max, Sensup x 128Tungsten lamp)	
	BW sensup	0.00003 lx (F1.2 AGC : Max, Sensup x 128Tungsten lamp)	
Resolution (Standard)		Color : 560TV lines / BW : 580TV limes	
S / N		53dB (AGC : OFF)	
AGC		ON / OFF / MANUAL (-6в47dB)	
Sensitivity setting		AUTO/ MANUAL (Maximum sensitivity up to x 512)	
Electronic shutter speed		OFF, 1/100в1/100,000, AES	
White balance		Auto tracking white balance / Preset AWC / Manual	
Power supply		AC100Vв230V	AC24V / DC12V
Consumption		4W approx (in case of 12Vdc)	
Dimensions		64 (W) x 63 (H) x 135 (D) mm	
Mass		610g approx	430g approx
Auto iris control		VIDEO (Iris video, DC 12V) / DC (galvanometer type)	
Remote control		RS-232C	
Lens mount		CS mount /C mount (The conversion adapter is unnecessary)	
Back Focus Adjustment		Dial type adjustment	
Scene file		3 scenes	
Digital Flip		LEFT/RIGHT	

Major operating controls

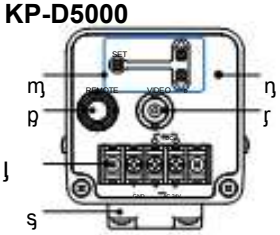
KP-D5001/KP-D5000



KP-D5001



KP-D5000

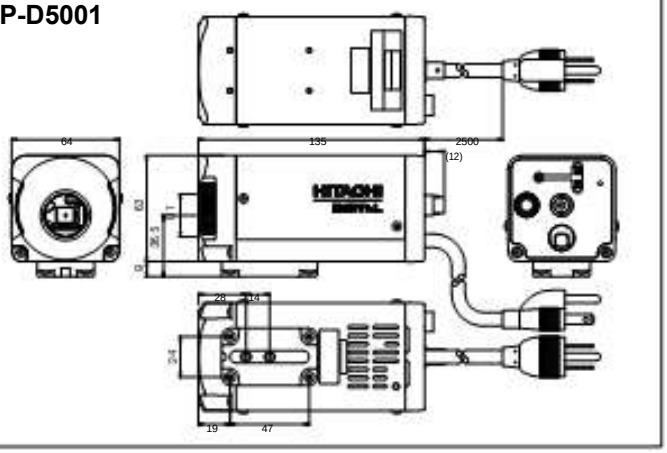


gLens connector
kFlange back control
lAC/DC power Terminal
mCamera menu setup button
nStatus lamp

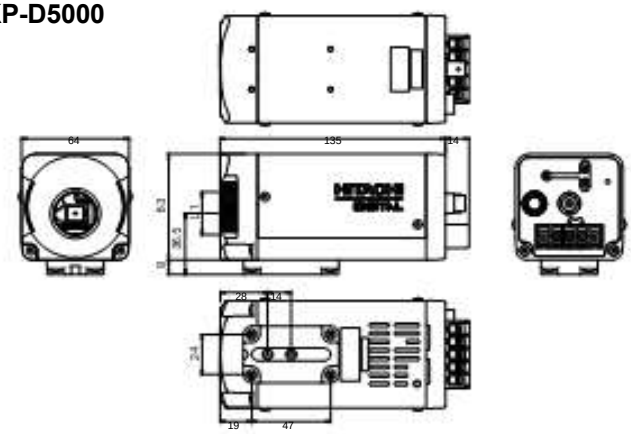
pRemote control
rVideo out
sBase for camera tripod
fAC Power cable

Dimensions

KP-D5001



KP-D5000



CAUTION : To ensure safe operation, please read the instruction manual before using this product.

These Specifications are subject to change without notice.

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CERTIFIED QUALITY SYSTEM
CERTIFATE No. JMI-0082
ISO 9001/JIS Q9001/JIS Q9001
EN 29001/JIS Z9901